

ABSTRACT

In the apparatus, a fastening element is driven into a support under the action of the gases from an explosive charge via a piston (2) that can move in a gun between a firing position and a fastening position, and a plug guide (5) in which a piston-braking ball (6) mechanism is mounted, which comprises arms (7) mounted to pivot on the plug-guide (5) arranged to modulate the radial force of the balls (6), depending on the relative displacement of the gun (3) and of the piston (2), between a maximum force when the piston (2) moves forward in the gun, and a non-zero minimum force, when the piston (2) moves back.

15

Figure for Abstract: Figure 2